

Amendments to the Claims**I. Amendments**

Please amend claims 4, 5, 6, 8 and 9 to read as indicated below.

II. The Claims of the Present Application

Claim 1. **(Original)** A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent.

Claim 2. **(Currently Amended)** The composition of claim 1, wherein A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the amount of vapor-growth carbon fiber compounded being is 1 to 20 parts by weight based on 100 parts by weight of the film-forming component, and the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent.

Claim 3. **(Currently Amended)** The composition of claim 1, wherein A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the carbon fiber being compounded with the film-forming component using a polar organic solvent, and the film-forming component being is a mixed component composed mainly of a liquid acrylonitrilebutadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin.

Claim 4. **(Currently Amended)** The composition of claim 1, wherein A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the amount of vapor-growth carbon fiber compounded being is 1 to 20 parts by weight based on 100 parts by weight of the film-forming

component, and the film-forming component ~~being is~~ a mixed component composed mainly of a liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin.

Claim 5. **(Currently Amended) The composition of claim 1, wherein A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the carbon fiber being compounded with the film-forming component using a polar organic solvent, and** the film-forming component ~~being is~~ a mixed component composed mainly of a liquid acrylonitrilebutadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin, the epoxy resin ~~being is~~ a bisphenol A diglycidyl ether type epoxy resin.

Claim 6. **(Currently Amended) The composition of claim 2, wherein A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the amount of vapor-growth carbon fiber compounded being is 1 to 20 parts by weight based on 100 parts by weight of the film-forming component, the carbon fiber being compounded with the film-forming component using a polar organic solvent, and** the film-forming component ~~being is~~ a mixed component composed mainly of a liquid acrylonitrile-butadiene rubber having both endgroups substituted by carboxyl groups and an epoxy resin, the epoxy resin ~~being is~~ a bisphenol A diglycidyl ether type epoxy resin.

Claim 7. **(Currently Amended) The composition of claim 3, wherein A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the carbon fiber being compounded with the film-forming component using a polar organic solvent, and the film-forming component being a mixed component composed mainly of a liquid acrylonitrilebutadiene rubber having both end-groups substituted by carboxyl groups and an epoxy**

~~resin~~, the liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups having molecular weights in the range of not less than 1,000.

Claim 8. **(Currently Amended)** The composition of claim 4, wherein A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the amount of vapor-growth carbon fiber being 1 to 20 parts by weight based on 100 parts by weight of the film-forming component, the carbon fiber being compounded with the film-forming component using a polar organic solvent, and the film-forming component being a mixed component composed mainly of a liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin, the liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups having molecular weights in the range of not less than 1,000.

Claim 9. **(Original)** A composition useful for forming an electroconductive resin according to any one of Claims 1 to 8, further comprising a tertiary amine catalyst.

Claim 10. **(Original)** A method of producing an electroconductive resin comprising solidifying a composition useful for forming an electroconductive resin by reaction, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent.

Claim 11. **(Original)** An electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent.

Claim 12. **(Original)** An electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the amount of vapor-growth carbon fiber compounded being 1 to 20 parts by weight based on 100 parts by weight of the film-forming component.

Claim 13. **(Original)** An electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent, and the film-forming component being a mixed component composed mainly of a liquid acrylonitrilebutadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin.

Claim 14. **(Currently Amended)** The electroconductive resin of claim 12,
~~wherein An electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the amount of vapor-growth carbon fiber compounded being 1 to 20 parts by weight based on 100 parts by weight of the film-forming component, the carbon fiber being is~~
compounded with the film-forming component using a polar organic solvent, and the film-forming component ~~being is~~ a mixed component composed mainly of a liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin.

Claim 15. **(Currently Amended)** The electroconductive resin of claim 11,
~~wherein An electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the carbon fiber being compounded with the film-forming component using a polar organic solvent, and the film-forming component being is~~ a mixed component composed mainly of a liquid acrylonitrilebutadiene rubber having both end-groups substituted

by carboxyl groups and an-epoxy resin, the epoxy resin being a bisphenol A diglycidyl ether type epoxy resin.

Claim 16. (Currently Amended) The electroconductive resin of claim 14,
wherein An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the
composition comprising a film-forming component and a vapor-
growth carbon fiber, the amount of vapor-growth carbon fiber
compounded being 1 to 20 parts by weight based on 100 parts by
weight of the film-forming component, the carbon fiber being
compounded with the film-forming component using a polar organic
solvent, and the film-forming component being a mixed component
composed mainly of a liquid acrylonitrile-butadiene rubber having
both end groups substituted by carboxyl groups and an epoxy resin,
the epoxy resin ~~being~~ is a bisphenol A diglycidyl ether type epoxy resin.

Claim 17. (Currently Amended) The electroconductive resin of claim 11,
wherein An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the
composition comprising a film-forming component and a vapor-
growth carbon fiber, the carbon fiber being compounded with the
film-forming component using a polar organic solvent, the film-
forming component ~~being~~ is a mixed component composed mainly of a
liquid acrylonitrilebutadiene rubber having both end-groups substituted
by carboxyl groups and an epoxy resin, the liquid acrylonitrile-butadiene
rubber having both end-groups substituted by carboxyl groups having
molecular weights in the range of not less than 1,000.

Claim 18. (Currently Amended) The electroconductive resin of claim 12,
wherein An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the
composition comprising a film-forming component and a vapor-
growth carbon fiber, the amount of vapor-growth carbon fiber being
~~1 to 20 parts by weight based on 100 parts by weight of the film-~~

forming component, the carbon fiber being compounded with the film-forming component using a polar organic solvent, the film-forming component being a mixed component composed mainly of a liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin, the liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups having molecular weights in the range of not less 1,000.

Claim 19. **(Currently Amended) The electroconductive resin of claim 11,**
wherein An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the
composition comprising a film-forming component and a vapor-
growth carbon fiber, the vapor-growth carbon fiber being
compounded with the film-forming component using a polar organic
solvent, and the electroconductive resin **having has** a volume resistivity of not more than $10 \times 10^9 \Omega \cdot \text{cm}$.

Claim 20. **(Currently Amended) The electroconductive resin of claim 11,**
wherein An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the
composition comprising a film-forming component and a vapor-
growth carbon fiber, the vapor-growth carbon fiber being
compounded with the film-forming component using a polar organic
solvent, and the electroconductive resin **having has** a coefficient of variation of standard deviation of not more than 10%.

Claim 21. **(Original) An electroconductive sheet made of an electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent, and the electroconductive sheet having a thickness of not more than 1 mm.**

Claim 22. **(Original)** A high polymer compound comprising a product by reaction of a mixture containing as major components at least one compound selected from the groups consisting of liquid acrylonitrile - butadiene rubbers each having both end-groups substituted by carboxyl groups, liquid styrene butadiene rubbers, liquid polybutadiene, liquid polyisoprene, and liquid polychloroprene, and at least one compound selected from epoxy resins such as bisphenol A diglycidyl ether type epoxy resins, bisphenol F diglycidyl ether type epoxy resins, and phenol novo lac type epoxy resins.